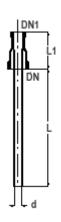


# Industrial Glass - <u>Vessels</u> - Vessels Accessories

## **DIP PIPES**

Dip pipes are used as liquid inlet for spherical vessels.

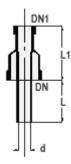
Cat.Ref.	For Vessel	DN	DN1	d	L	L1
DP20/1*	20 L	25	25	12	300	100
DP50/1.5*	50 L	40	25	19	400	100
DP100/1.5*	100 L	40	25	19	500	100
DP200/1.5*	200 L	40	25	19	600	100



### SHORT DIP PIPES

Short dip pipes are used as re-entry tubes for vessels, heat exchangers etc.

Cat.Ref.	DN	DN1	d	L	L1
DP1/1*	25	25	12	100	100
DP1.5/1*	40	25	19	100	100
DP1.5/1.5	40	40	19	100	100
DP2/1	50	25	25	100	100
DP2/1.5	50	40	25	100	100
DP3/1.5	80	40	37	100	125
DP4/1	100	25	25	100	150
DP4/2	100	50	50	100	150



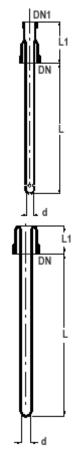
#### **GAS SPARGERS**

Gas spargers are used for gas feed/sparging in the vessels.

Cat.Ref.	For Vessel	DN	DN1	d	L	L1	No.of Holes
SPG20/1	20 L	25	25	12	300	100	5x1mm
SPG50/1.5	50 L	40	25	19	400	100	5x1mm
SPG100/1.5	100 L	40	25	19	500	100	5x1mm
SPG200/1.5	200 L	40	25	19	600	100	5x1mm

#### THERMOMETER POCKETS

Cat.Ref.	For Vessel	DN	d	L	L1
TP20/1*	20 L	25	12	300	50
TP50/1.5*	50 L	40	19	400	50
TP100/1.5*	100 L	40	19	500	50
TP200/1.5*	200 L	40	19	600	50



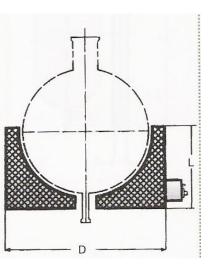
#### **HEATING MANTLES**

Heating Mantle is used for electrical heating of cylindrical as well as spherical vessels. Also available in flamproof & non-flame proof models. The flamproof heating mantle is similar to normal mantle but the main difference is in construction of heating elements. Heating elements is flameproof by covering it in magnesium oxide powder & SS metal tube. Heater terminal terminate in flamproof cold junction terminal enclosure. All electrical control like regulator, switch, indicating lamp, relay etc. fitted in flamproof switch encloser.

we can also provide flamproof digital temperature indicator cum controller with sensor.

Cat.Ref.	Vessel Size	d	L	Watts	Circuits	Supply Volts
JMD5	5 L	320	190	750	2	230
JMD10*	10 L	380	220	1200	2	230
JMD20	20 L	485	285	2000	3	230
JMD50	50 L	600	345	3700	3	415
JMD100	100 L	790	470	6000	3	145
JMD200	200 L	920	530	7500	6	415

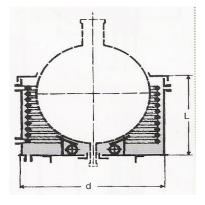
Cat.Ref.	Vessel Size	d	L	Watts	Circuits	Supply Volts
JMD5/F	5 L	330	200	600	1	230
JMD10/F	10 L	440	220	1000	1	230
JMD20/F	20 L	510	285	2000	2	230
JMD50/F	50 L	610	350	3600	3	415
JMD100/F	100 L	790	430	5200	3	145
JMD200/F	200 L	940	510	8400	3	415



#### **HEATING BATHS**

Heating baths are used for electrical or steam heating of glass vessels. Depending upon the temperature requirements, different types of thermic fluids or water can be used as heating media. Heating baths are provided with a pair of encased heaters with controller box, a coil for passing the steam or cooling water, a cushioned vessel holding ring, a bottom outlet sealing arrangement, a lid and threaded socket type inlets and outlets.

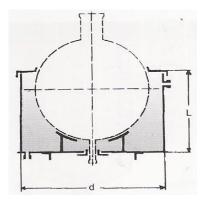
Cat.Ref.	Vessel	d	L	Watts	HTA	HTA
	Size				Vessel	Coils
SBH20	20 L	480	340	2x1500	0.25	0.4
SBH50*	50 L	615	415	2x2000	0.5	0.6
SBH100	100 L	720	535	2x3000	0.7	1
SBH200	200 L	900	620	2x4000	1	1.5



#### **COOLING BATHS**

Cooling baths are used for cooling the glass vessel with ice crystals. Cooling baths are provided with a vessel holding ring, bottom outlet sealing arrangement and a lid.

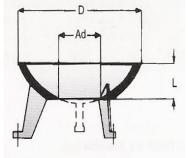
Cat.Ref.	Vessel	d	L
BHC20	20 L	480	340
BHC50	50 L	615	415
BHC100	100 L	720	535
BHC200	200 L	900	620



#### VESSEL HOLDERS

Vessel holders are made of cast aluminum with a plaster lining shaped to fit the vessel. These are to be supported on 3 jacking bolts.

Cat.Ref.	Vessel Size	D	d	L
VSS20*	20 L	325	230	100
VSS50*	50 L	390	230	100
VSS100	100 L	410	250	100
VSS200	200 L	700	400	215

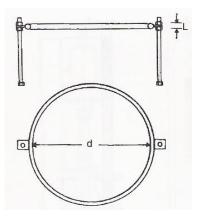


#### **VESSEL HOLDING RINGS**

These metal rings are wrapped with asbestos rope and are to be

supported on two jacking bolts.

Cat.Ref.	Vessel Size	d	L
VRS2	2 L	100	15
VRS5*	5 L	150	15
VRS10*	10 L	215	15
VRS20*	20 L	300	15



\* marked items are available fast.